

PRODUCTION OF POWDER COMPOSITION AND POWDER COMPOSITION

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Abstract of **JP 2000159789 (A)**

PROBLEM TO BE SOLVED: To obtain powder trehalose containing amorphous anhydrous trehalose and/or anhydrous crystal trehalose, useful as a strong and safe dehydrating agent, capable of readily providing a high-quality anhydrous food having a good flavor, a high-activity stable anhydrous medicine, etc., by drying a trehalose hydrous substance. **SOLUTION:** This method for producing powder trehalose comprises drying a trehalose hydrous substance. To be concrete, for example, trehalose hydrous crystal is dried under normal pressure or in vacuum at 100-160 deg.C and ground to give the objective powder. When a high-purity aqueous solution of trehalose is used, for example, powder can be directly obtained from a syrup having 60-80% concentrated by a spray drying method such as a high-pressure nozzle method, etc.; The amount of the powder used is preferably 0.01-50 pt.wt. based on 1 pt.wt. of a hydrous article such as a hydrous food, a hydrous medicine, etc.

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